

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1-4. (canceled)

5. (currently amended) Device for heating a material constituted at least in part by worn road coatings to be recycled, comprising:

~~Device for practicing the process according to claim 1,~~
~~characterized in that it comprises at least one~~ a first chamber
[[(10)]] provided with mechanical transfer means, ~~(12)~~ and means
[[(16)]] for heating of the radiant type that is arranged to
cause ~~, permitting the~~ worn road coatings to be recycled to reach
a first temperature ~~comprised~~ between 105 and 130°C and to render
bitumen therein viscous, and means for evacuating ~~[[the]]~~ gaseous
effluents from the first chamber[[, and]];

a second chamber [[(10')]] provided with mechanical transfer
means, ~~(12')~~ and means [[(16')]] for heating of the radiant type
that is arranged to cause ~~, permitting the~~ worn road coatings
from said first chamber ~~to be recycled~~ to reach a second
temperature ~~comprised~~ between 160 and 220°C, and means for
evacuation of ~~[[the]]~~ gaseous effluents from the second chamber;
and

means for agglutinating the heated worn road coatings,
disposed at an outlet of the first chamber.

6. (canceled)

7. (currently amended) Device according to claim 5,
~~characterized in that it~~ wherein each of the first and second
chambers comprises a substantially parallelepipedal chamber ~~(10,~~
~~10')~~ and ~~in that~~ wherein the mechanical transfer means in each of
the first and second chambers comprise inclined and/or horizontal
conveyors ~~(12, 12')~~ provided with means ~~(14, 14')~~ for vibrating,
and wherein said means for heating ~~(16, 16')~~ of the radiant type
comprises ~~in the form of panels (18, 18')~~.

8. (canceled)

9. (currently amended) Device according to claim 5,
~~characterized in that it comprises~~ further comprising means for
treating the gaseous effluents emitted from the second chamber,
including [[the]] composition catalysts.

10-14. (canceled)